

17858 U.S. PTO
10/672152
09/25/03

UTILITY PATENT APPLICATION TRANSMITTAL
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Att r n y Docket No. 42P12754D
(maximum 12 characters)

First Named Inventor Stefan Hau-Riege et al.

Title: WAFER-BONDING USING SOLDER AND METHOD OF MAKING THE SAME

Express Mail Label No. EV 336 584 050 US

ADDRESS TO: Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. **Fee Transmittal Form (e.g., PTO/SB/17)**
(Submit an original and a duplicate for fee processing)
2. **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. **Specification (Total Pages 18)**
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. **Drawings(s) (35 USC 113) (Total Sheets 9)**
5. **Oath or Declaration (Total Pages 4)**
 - a. Newly Executed (Original or Copy)
 - b. Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 18 completed)
 - i. **DELETIONS OF INVENTOR(S)** Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
 - c. Unsigned.
6. **Application Data Sheet. (37 CFR 1.76)**
7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper

c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. **Assignment Papers (cover sheet & documents(s))**
10. a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
 X b. Power of Attorney
11. English Translation Document (if applicable)
12. X a. Information Disclosure Statement (IDS)/PTO-1449 (or PTO/SB/08)
 X b. Copies of IDS Citations
13. X **Preliminary Amendment**
14. X **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. **Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.**
17A. X Other: Formal Drawings Submission

17B. X Pursuant to 37 C.F.R. 1.136(a)(3), applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 C.F.R. 1.16 and 1.17, to Deposit Account No. 02-2666.

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet Under 37 C.F.R. 1.76:

Continuation Divisional Continuation-in-part (CIP)
Of Prior Application No.: 10/015,618 Examiner Pham, Long Group Art Unit 2814
(which is a continuation/ divisional/ CIP of prior application no. _____,
which is a continuation/ divisional/ CIP of prior application no. _____) (List entire chain of priority)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.
For **CONTINUATION AND DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. Correspondence Address
Customer Number or Bar Code Label
or (Insert Customer No. or Attach Bar Code Label)
here) Correspondence Address Below
NAME Michael A. Bernadicou
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
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Seventh Floor
CITY Los Angeles STATE California ZIP CODE 90025
Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-8383

Name (PRINT/TYPE): Michael A. Bernadicou Registration No.: 35,934
Signature: Michael A. Bernadicou Date: 9/25/03

FEES TRANSMITTAL FOR FY 2003

TOTAL AMOUNT OF PAYMENT (\$) **\$750.00**

Complete if Known:

Application No. Not yet assigned

Filing Date Herewith

First Named Inventor Stefan Hau-Riege et al.

Group Art Unit Not yet assigned

Examiner Name Not yet assigned

Attorney Docket No. 42P12754D

METHOD OF PAYMENT (check one)

1. [X] The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666
Deposit Account Name _____

[] Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

[] **Applicant claims small entity status. See 37 CFR 1.27**

2. Payment Enclosed: Check
 Money Order
 Other

FEE CALCULATION

1. BASIC FILING FEE

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee	Fee		
Code	(\$)	Utility application filing fee	\$750.00
1001	740	2001	370
1002	330	2002	165
1003	510	2003	255
1004	740	2004	370
1005	160	2005	80
		Design application filing fee	
		Plant filing fee	
		Reissue filing fee	
		Provisional application filing fee	

3 EXTRA CLAIM FEES

2. <u>EXTRA CLAIM FEES</u>	<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fee Paid</u>
Total Claims <u>3</u>	- 20** = _____	X \$18.00	= _____
Independent Claims <u>1</u>	- 3** = _____	X \$84.00	= _____
		\$280.00	= _____

Multiple Dependent *For amounts in excess of the amount paid, if greater; For Reissues, see below.*

**Or number previously paid, if greater, For Reissues, see below...			
<u>Large Entity</u>	<u>Small Entity</u>		
Fee	Fee	Fee	Fee
Code	(\$)	Code	(\$)
1202	18	2202	9
1201	84	2201	42
1203	280	2203	140
1204	84	2204	42
1205	18	2205	9
			<u>Fee Description</u>
			Claims in excess of 20
			Independent claims in excess of 3
			Multipl dependent claim, if not paid
			**R issue indep ndent claims ver riginal patent
			**Reissu claims in xcess f 20 and ov r riginal pat nt

FEE CALCULATION (continued)

3. ADDITIONAL FEES

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee Code	Fee (\$)	Fee Code (\$)	
1051	130	2051 65	Surcharge - late filing fee or oath
1052	50	2052 25	Surcharge - late provisional filing fee or cover sheet
1053	130	1053 130	Non-English specification
1812	2,520	1812 2,520	For filing a request for ex parte reexamination
1813	8,800	1813 8,800	Request for inter parties reexamination
1804	920*	1804 920*	Requesting publication of SIR prior to Examiner action
1805	1,840*	1805 1,840*	Requesting publication of SIR after Examiner action
1251	110	2251 55	Extension for reply within first month
1252	400	2252 200	Extension for reply within second month
1253	920	2253 460	Extension for reply within third month
1254	1,440	2254 720	Extension for reply within fourth month
1255	1,960	2255 980	Extension for reply within fifth month
1401	320	2401 160	Notice of Appeal
1402	320	2402 160	Filing a brief in support of an appeal
1403	280	2403 140	Request for oral hearing
1451	1,510	1451 1,510	Petition to institute a public use proceeding
1452	110	2452 55	Petition to revive - unavoidable
1453	1,280	2453 640	Petition to revive - unintentional
1501	1,280	2501 640	Utility issue fee (or reissue)
1502	460	2502 230	Design issue fee
1503	620	2503 310	Plant issue fee
1460	130	1460 130	Petitions to the Commissioner
1807	50	1807 50	Processing fee under 37 CFR 1.17(q)
1806	180	1806 180	Submission of Information Disclosure Stmt
8021	40	8021 40	Recording each patent assignment per property (times number of properties)
1809	740	2809 370	For filing a submission after final rejection (see 37 CFR 1.129(a))
1814	110	2814 55	Statutory Disclaimer
1810	740	2810 370	For each additional invention to be examined (see 37 CFR 1.129(b))
1801	740	2801 370	Request for Continued Examination (RCE)
1802	900	1802 900	Request for expedited examination of a design application
1504	300	1504 300	Publication fee for early, voluntary, or normal pub.
1505	300	1505 300	Publication fee for republication
1803	130	1803 130	Request for voluntary publication or republication
1808	130	1808 130	Processing fee under 37 CFR 1.17(i) (except provisionals)
1454	1,280	1454 1,280	Acceptance of unintentionally delayed claim for priority

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3) \$0.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: Michael A. Bernadicou

Signatur : Michael A. Bernadicou Dat : 9/25/03

Reg. Number: 35,934 T l ph n Number: (408) 720-8300

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Stefan Hau-Riege et al.)
Serial No.: Not yet assigned)
Filed: Herewith)
For: WAFER-BONDING USING SOLDER)
AND METHOD OF MAKING THE SAME)

Which is a Divisional of Application of:)
Serial No: 10/015,618)
Filed: December 17, 2001)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

FORMAL DRAWINGS SUBMISSION

Enclosed herewith for submission in the United States Patent and Trademark Office are ten (10) sheets of formal drawings for the patent application referenced above.

"Express Mail" mailing label number: EV 336 584 050 US

Date of Deposit: September 25, 2003

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to Mail Stop New Patent Application, COMMISSIONER FOR PATENTS, P.O. Box 1450, Alexandria, VA 22313-1450

Teresa Edwards

(Typed or printed name of person mailing paper or fee)

Teresa Edwards

(Signature of person mailing paper or fee)

September 25, 2003

(Date signed)

If there are any further charges please charge them to Deposit Account No. 02-2666. A duplicate of this sheet is enclosed for that purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 9/25, 2003

Michael A. Bernadicou

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